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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/829,183  
Applicant : UCHIDA et al.  
Filed : April 22, 2004  
TC/A.U. : 2683  
Examiner : M. Zewdu  
Docket No. : 1137-837  
Customer No. : 06449  
Confirmation No. : 6040

**INFORMATION DISCLOSURE STATEMENT**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of Section 1.97(d), Applicants respectfully request consideration of this Information Disclosure Statement and the references cited on accompanying PTO-1449.


The references cited on accompanying Form PTO-1449 were cited in a July 5, 2005 Supplemental European Search Report in a corresponding European application. A copy of the Supplemental European Search Report is attached hereto.


Please charge the \$180.00 fee set forth in 37 C.F.R. §1. 17(p) to Deposit Account No. 02-2135. A duplicate copy is attached for that purpose.

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Respectfully submitted,

09/01/2005 SZEWDIE1 00000163 022135 10829183  
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By   
George R. Repper  
Attorney for Applicants  
Registration No. 31,414  
ROTHWELL, FIGG, ERNST & MANBECK, p.c.  
Suite 800, 1425 K Street, N.W.  
Washington, D.C. 20005  
Telephone: (202)783-6040

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 				<i>Complete if Known</i>	
				Application Number	10/829,183
				Filing Date	April 22, 2004
				First Named Inventor	UCHIDA
				Group Art Unit	2683
				Examiner Name	M. Zewdu
Confirmation No.				6040	
Sheet		of	2	Attorney Docket Number 1137-837	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	1	5,327,576		Uddenfeldt et al.	07-05-1994
	2	5,533,004		Jasper et al.	07-02-1996
	3	5,602,831		Gaskill	02-11-1997
	4	5,432,790		Hluchy et al.	07-11-1995

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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Sheet	2	of	2	Attorney Docket Number	1137-837

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	5	EP	0 584 029	A2	International Business Machines Corporation	02-23-1994	
	6	WO	95/07578	A1	Qualcomm Incorporated	03-16-1995	
	7	WO	97/26739	A1	Nokia Telecommunications Oy	07-24-1997	
Examiner Signature					Date Considered		

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